

ECS/EMD Configuration Change Request

Page 1 of Page(s)

1. Originator Henry Baez	2. Log Date: 01/24/05	3. CCR #: 05-0022	4. Rev:	5. Tel: 301-925-1025	6. Rm #: 3108G	7. Org. COTS HW
8. CCR Title: Install Portus 5.1.5 and BIND 9.2.3 on PVC firewalls for testing.						
9. Originator Signature/Date Henry Baez /s/ 01/24/05			10. Class II	11. Type: CCR	12. Need Date: 1/27/2005	
13. CCR Sponsor Signature/Date Pamela Johnson /s/			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:	
19. Release Affected by this Change:		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The firewall vendor Portus informed us that they would stop providing fixes for current version 5.0.9 end of 2004. Portus has added to current version DAAC requested feature. Portus 5.1.5 offers new feature that need to be tested. Each firewall acts as name (BIND) server for the site. Portus provided the present BIND version we use. Portus is now shipping BIND 9.2.3 with 5.1.5. Again, security wise updating BIND is very prudent.						
24. Proposed Solution: (use additional sheets if necessary) Install Portus and BIND in PVC firewall for further testing. Used revise VATC test plan to check out present flows are not affected. Test plan also tests new features. Three previous Portus upgrade have been very easy and had minimal impact on operations. Install can be reverse in a few minutes. New BIND will be installed in it's own directory and we have the ability to switch between versions by killing one process and starting another. There is minimal operational impact to PVC. VATC has run under new Portus since 12/27/2004 without any reported problems.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Active support of current version 5.0.9 is over. Number of spam email keeps going up. More sophisticated scans, probes and attacks are coming. Maintaining firewall application current is very important.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): Byron Peters /s/ 1/27/05			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Henry Baez

Telephone: 301-925-1025 **Office:** 3108G

Title of Change: Install Portus 5.1.5 and BIND 9.2.3 on PVC firewalls for testing.

ECS Baseline Document

910-TDA-003	COTS S/W VERSION B/L REPORT
910-TDA-023	CRITICAL COTS SOFTWARE LIST
920-TDP-002	PVC HARDWARE-SOFTWARE MAP
920-TDV-002	VATC HARDWARE-SOFTWARE MAP

See attach install instructions.